

## **Experimental Design Notes Review**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1) Describe the different types of variables in an experiment.

2) Describe what a hypothesis is and the different parts.

3) Why do we do an experiment more than once?

4) Describe what an experiment should look like correctly.

**Performance Task: Design an experiment**

Fill out the following and then design an experiment.

How does the amount of sunlight effect the growth of a plant?

Hypothesis: If

\_\_\_\_\_ ,

then

\_\_\_\_\_

Independent Variable:

\_\_\_\_\_.

Dependent Variable:

\_\_\_\_\_.